

## Abstract

The invention relates to a method for optimising signal reception for a broadcast data receiver. Broadcast Data Receivers are used to receive digital data transmitted from a remote location, process the same and then generate video, audio and auxiliary services. However the Broadcast data receiver is typically located in a household and can be susceptible to general and/or local conditions which affect the reception of the data signals at different frequencies. The present invention provides a method for optimising the signal reception at the broadcast data receiver location by allowing the analysis of amplitude gain control levels of the broadcast data receiver and then selecting the amplitude gain control levels and/or other levels which optimise the quality of the received signal at each frequency.